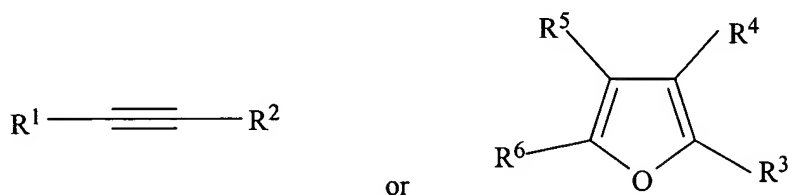


ABSTRACT

The present invention relates to novel compounds, pharmaceutical compositions and methods for treating tumors, cancer and hyperproliferative diseases including psoriasis, genital warts and hyperproliferative cell growth diseases, including hyperproliferative keratinocyte diseases such as hyperkeratosis, ichthyosis, keratoderma or lichen planus. These compounds are described according to the chemical structure:



where R^1 is H, OH, F, Cl, Br, I, a C_1 - C_6 optionally substituted alkyl or alkenyl group, an

optionally substituted aryl group or a $\begin{array}{c} \text{O} \\ \parallel \\ \text{C} - R_a \end{array}$ group;

R_a is a H, OH, C_1 - C_{10} , optionally substituted alkyl or alkenyl group, an optionally substituted O- $(C_1$ - C_7 alkyl group) or O-aryl group, an amine group which is optionally substituted with at least one C_1 - C_{10} alkyl group which may be optionally substituted, or a single optionally substituted aryl group, biphenyl group, $(C_1$ - C_6) alkylenearyl group, $(C_1$ - C_6) alkylenebiphenyl group, heteroaryl group, heterocyclic group, $(C_1$ - C_6) alkylene heteroaryl group or $(C_1$ - C_6) alkylene heterocyclic group;

R^2 is a $\begin{array}{c} \text{O} \\ \parallel \\ \text{C} - R_b \end{array}$ group;

R_b is a H, OH, C_1 - C_{10} , optionally substituted alkyl or alkenyl group, an optionally substituted O- $(C_1$ - C_7 alkyl group) or O-aryl group, an amine group which is optionally substituted with at least one C_1 - C_{10} alkyl group which may be optionally substituted, or a single optionally substituted aryl group, biphenyl group, $(C_1$ - C_6) alkylenearyl group, $(C_1$ - C_6) alkylenebiphenyl group, heteroaryl group, heterocyclic group, $(C_1$ - C_6) alkylene heteroaryl group or $(C_1$ - C_6) alkylene heterocyclic group;

R^3 and R^6 are each independently selected from H, OH, F, Cl, Br, I, a C_1 - C_6 optionally substituted alkyl or alkenyl group, an optionally substituted aryl group, a carbamate, alkylene carbamate, urethane or alkylene urethane;

R^4 is a $\begin{array}{c} \text{O} \\ \parallel \\ \text{C}-R_a \end{array}$ group, wherein R_b is as described above; and

R^5 is a $\begin{array}{c} \text{O} \\ \parallel \\ \text{C}-R_b \end{array}$ group, wherein R_b is as described above,
with the proviso that at least one of R^1 and R^2 or R^4 and R^5 contains an R_a or R_b group which is an amine group which is optionally substituted with at least one C_1 - C_{10} alkyl group which may be optionally substituted, or a single optionally substituted aryl group, biphenyl group, $(C_1$ - $C_6)$ alkylenearyl group, $(C_1$ - $C_6)$ alkylenebiphenyl group, heteroaryl group, heterocyclic group, $(C_1$ - $C_6)$ alkylene heteroaryl group or $(C_1$ - $C_6)$ alkylene heterocyclic group;
or a stereoisomer, pharmaceutically acceptable salt, solvate, and polymorph thereof.